AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

1 - 4. (Cancelled)

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- 5. (Previously Presented) A method for servicing an inkjet printer including an inkjet printhead with a nozzle plate and a first service module removably installed on the printer, comprising:

 identifying a printhead-related service condition not adequately addressed by servicing the printer with the first service module being in an un-worn condition;

 providing a second service module with a service function different from the first service.
 - providing a second service module with a service function different from the first service module and adapted to address said printhead-related service condition, the second service module removably installable on the printer;
- 9 removing the first service module from the printer;
- installing the second service module in the printer in place of the first service module;
- using the second service module, conducting a special printhead-related servicing operation.
- 6. (Previously Presented) The method of claim 5, further comprising:
 after completion of the special printhead-related servicing operation, removing the
- 3 second service module from the printer; and
- installing the first service module in the printer in place of the second service module.

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7. (Previously Presented) A method for servicing an inkjet printer including an inkjet printhead with a nozzle plate and a first service module removably installed on the printer, comprising:

identifying a printhead-related service condition not adequately addressed by servicing the printer with the first service module being in an un-worn condition;

providing a second service module with a service function different from the first service module and adapted to address said printhead-related service condition, the second service module removably installable on the printer and in place of the first service module;

providing a set of instructions for using the second service module with the inkjet printer to the printer user, wherein the step of providing a set of instructions includes providing a set of machine readable printer instruction code for loading into the printer.

8. (Previously Presented) The method of claim 7 wherein the printer is controlled by a host computer, and wherein the step of providing the set of instructions includes downloading the set of printer instruction code from the host computer.

9-13. (Cancelled)

14. (Previously Presented) A method for servicing an inkjet printer including an inkjet printhead with a nozzle plate and a first service module removably installed on the printer, comprising:

identifying a printhead-related service condition not adequately addressed by servicing the printer with the first service module being in an un-worn condition;

providing a second service module with a service function different from the first service module and adapted to address said printhead-related service condition, the second service module removably installable on the printer and in place of the first service module, wherein said printhead-related service condition includes ink on a printhead carriage interconnect, and the second service module includes a brush arranged to clean the interconnect.

1 15. (Currently Amended) A method for servicing an inkjet printer including an inkjet printer and a first service module removably installed on the printer, comprising:

identifying a printhead-related service condition not adequately addressed by servicing the printer with the first service module being in an un-worn condition;

providing a second service module with a service function different from the first service module and adapted to address said printhead-related service condition, the second service module removably installable on the printer and in place of the first service module, wherein said printhead-related service condition includes vibration or shock incurred during shipment or moving of the printer, and the second service module includes a special capping structure having a range of movement along an axis generally perpendicular transverse to a nozzle array of the printhead, and a bias structure which urges the capping structure toward and into engagement with the printhead during a capping procedure.

1 16. (Original) The method of claim 15 wherein the special capping structure includes 2 a relative hard, non-resilient cap structure which contains the printhead during the capping 3 procedure.

1 17 – 18. (Cancelled)

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1	19. (Previously Presented) A method for servicing an inkjet printer including an
2	inkjet printhead and a removable first service module, comprising:
3	providing a second service module different from the first service module and adapted to
4	address a printhead-related service condition not adequately addressed by the first service
5	module being in an un-worn condition, the second service module removably installable on the
6	printer and in place of the first service module;
7	providing a set of instructions for using the second service module with the inkjet printer
8	to the printer user, wherein the step of providing a set of instructions includes providing a set of
9	machine readable printer instruction code for loading into the printer;
10	installing the second service module in the printer;
11	conducting a printhead-related service operation using the second service module.
ı	20. (Previously Presented) A method for servicing an inkjet printer including an
2	inkjet printhead and a removable first service module, comprising:
3	providing a second service module different from the first service module and adapted to
4	address a printhead-related service condition not adequately addressed by the first service
5	module being in an un-worn condition, the second service module removably installable on the
6	printer and in place of the first service module;
7	providing a set of instructions for using the second service module with the inkjet printer
8	to the printer user, wherein the printer is controlled by a host computer, and the step of providing
9	a set of instructions includes downloading the set of printer instruction code from the host
10	computer;
11	installing the second service module in the printer;
12	conducting a printhead-related service operation using the second service module.
1	21. (Canceled)

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(Previously Presented) A method for servicing an inkjet printer including an 2 inkjet printhead and a removable first service module, comprising: 3 providing a second service module different from the first service module and adapted to address a printhead-related service condition not adequately addressed by the first service 4 5 module being in an un-worn condition, the second service module removably installable on the б printer and in place of the first service module; 7 installing the second service module in the printer; 8 conducting a printhead-related service operation using the second service module; 9 after completion of the printhead-related servicing operation, removing the second 10 service module from the printer; and installing the first service module in the printer in place of the second service module. 11 l 23 - 26. (Cancelled) 1 27. (Previously Presented) A method for servicing an inkjet printer including an 2 inkjet printhead and a removable first service module, comprising: 3 providing a second service module different from the first service module and adapted to 4 address a printhead-related service condition not adequately addressed by the first service 5 module being in an un-worn condition, the second service module removably installable on the printer and in place of the first service module; 6 7 installing the second service module in the printer; 8 conducting a printhead-related service operation using the second service module; 9 wherein said printhead-related service condition includes ink on a printhead carriage 10 interconnect, and the second service module includes a cleaning element arranged to clean the 11 interconnect during a special cleaning mode with the printhead removed from the carriage. 1 28 – 29. (Cancelled)

1	30. (Currently Amended) An apparatus for use in an inkjet printing system including
2	an inkjet printhead and a standard service module removably installed in the printing system, the
3	apparatus comprising a special service module configured to be removably installed in the
4	printing system in place of the standard service module to perform a special service function on
5	the printhead which is not performed by the standard service module being in an un-worn
6	condition, the special service module removably installable [[on]] in the printing system printer
7	and in place of the standard service module, wherein the special service module includes a
8	housing and at least one component mounted to the housing to perform the special service
9	function.
1	31. (Previously Presented) A method for servicing an inkjet printer including an
2	inkjet printhead with a nozzle plate and a first service module removably installed on the printer,
3	comprising;
4	identifying a printhead-related service condition not adequately addressed by servicing
5	the printer with the first service module;
6	providing a second service module with a service function different from the first service
7	module and adapted to address said printhead-related service condition;
8	removing the first service module from the printer;
9	installing the second service module in the printer in place of the first service module;
10	using the second service module, conducting a special printhead-related servicing
11	operation;
12	after completion of the special printhead-related servicing operation, removing the
13	second service module from the printer; and
14	installing the first service module in the printer in place of the second service module.

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32. (Currently Amended) A method for servicing an inkjet printer including an inkjet printhead with a nozzle plate and a first service module removably installed on the printer, comprising:

identifying a printhead-related service condition not adequately addressed by servicing the printer with the first service module in an un-worn condition, said printhead-related service condition including vibration or shock incurred during shipment or moving of the printer;

providing a second service module with a service function different from the first service module and adapted to address said printhead-related service condition, wherein the second service module includes a special capping structure having a range of movement along an axis generally perpendicular transverse to a nozzle array of the printhead, and a bias structure which urges the capping structure toward and into engagement with the printhead during a capping procedure, and wherein the special capping structure including a relative hard, non-resilient cap structure which contacts the printhead during the capping procedure; and

performing the capping procedure with the second service module installed in the printer, and maintaining contact between the non-resilient cap structure and the printhead to prevent a pumping action on the printhead when subjected to vibration and shock.

1 33. (Previously Presented) The method of claim 32, wherein a constant closed volume is maintained between the cap structure and the printhead during the capping procedure.

1 34 – 44. (Cancelled)

- 1 45. (Previously Presented) An inkjet printing system, comprising:
- 2 an inkjet printhead;
- 3 a service area for performing service functions on the printhead;
 - a first service module for removable mounting at the service area to perform service functions on the printhead during a standard printhead service mode;

a second service module for removable mounting at the service area in place of the first service module to perform a different service function from that performed by the first service module in an un-worn condition on the printhead during a special printhead service mode.

46. (Previously Presented) The system of Claim 45 further comprising:

a printhead carriage for mounting the printhead and arranged for traversing movement

along a print area and for moving to the service area;

a service carriage for removably mounting the first service module or the second service

module.